

KISRETI, Erno (Spron)

TV service cases. Radiotechnika 10 no.11:331 N '60.

KISRIYEV, F.G.

[Soil conservation by means of orchard planting in the mountains
of Daghestan] Opyt pochvozashchitnogo sadolesorazvedeniia v gorakh
Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1957. 110 p.
(MIRA 14:10)

(Daghestan—Fruit culture)

STRELETS, V. L.; KISRIYEV, S. A., agronom-entomolog

Science help. Zashch. rast. ot vred. i bol. 5 no.6:8-10
Je '60. (MIRA 16:1)

1. Direktor sovkhoza imeni Chkalova, Bakhchisarayskiy rayon,
Krymskaya obl.

(Crimea—Fruit—Diseases and pests)
(Crimea—Plants, Protection of—Research)

KISRIYEV, S.A., agronom po zashchite rasteniy; BESPYATYKH, A.M., agronom

On the experimental demonstration farm of the Crimea.

Zashch. rast. ot vred. i bol. 6 no.8:4-6 Ag '61. (MIRA 15:12)

1. Sovkhoz imeni Chkalova, Bakhchisarayskiy rayon (for Kisriyev).
2. Krymskaya oblastnaya stantsiya zashchity rasteniy,
Bakhchisarayskiy rayon (for Bespyatykh).
(Crimea--Plants, Protection of)

VOLKOV, L.G.; KISRIYEV, S.A., agronom po sashchite rasteniy

In cooperation with the scientists of the Nikita Botanical
Garden. Zashch. rast. ot vred. i bol. 7 no.10:9-11 0 '62.
(MIRA 16:6)

1. Direktor sovkhosa im. Chkalove (for Volkov).
(Crimea—Plants, Protection of)

Kiss, A. ~~7~~

KISS, A. - Elektrotechnika - Vol. 48, no. 5, May 1955.

After the National Conference on the Electric Power Industry. p. 145.

SO: Monthly list of East European Accessions, (ERAL), LC, Vol. 4, No. 9, Sept. 1955
Unol.

KISS, A.

20-year history of the Hungarian aluminum industry. p. 509

Festivities organized on the occasion of the 20th anniversary of Hungarian aluminum metallurgy. p. 512.

Vol 10, no. 12, Dec. 1955. KÖHÁSZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession, Vol 5, no. 4, April 1956

KISS, A.

Results of the Hungarian Measurement technique and its international connections. p. 328.

MERES ES AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos Egyesulet) Budapest, Hungary. Vol. 6, no. 11/12, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, ^{July} 1959.

Uncl.

1100. A.

LECTURES AND SOME IMPORTANT REMARKS AT OUR CONFERENCE ON DUST TECHNOLOGY HELD ON MARCH 2 AND 3. OPENING SPEECH.

p 401 (MAGYAR ENERGIAGAZDASAG.) BUDAPEST, HUNGARY VOL 9 NO 11/12 NOV/DEC 1957

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (AEEI) VOL 6 NO 11 NOVEMBER 1957

KISS A.

Bore Hole Blasting Methods with Millisecond Retardation Patterns. Revista
Minelora (Mining Journal), #6160: Jan 55

ALB, A.

Current problems in the utilization of wind power.

P. 638. (ENERGIA ES ATOMTECHNIKA.) (Budapest, Hungary) Vol. 10, No. 11/12,
Nov./Dec. 1957

SO: Monthly Index of East European Accession (EIAI) LC. Vol. 7, No. 5, 1958

KISS, A.

Utilization of wind power. p.71

VILLAMOSSAG. Budapest, Hungary. Vol. 7, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1957
Uncl.

EPERJESSY, Ana; PESZT, T.; OYERGIAY, P.; KISS, A.; KOVACS, Viorica

Research on experimental encephalopathy. Pt.14. Comunicarile
AR 13 no.11: 1003-1007 F'63.

1. Baza de cercetari stiintifice din Tg.-Mures a Academiei
R.P.R.. Comunicare prezentata de academician D.Miskolcsy.

KISS, Andras

High-tension glass insulators instead of porcelain. Elektro-
technika 55 no.6:274-276 Jo '62.

KISS, Robert

Does the National Patent Office evaluate inventions severely?
Unit 141 16 no.12:3-4 25 Jo '64.

1. Deputy chairman, National Patent Office, Budapest.

KISS, Andras

Extraction and separation of indium and gallium by means of
din-n-butyl phosphate. Magyar kemiai folyoir 70 no.5:197-201 My
'64.

1. Basic Material Testing Division, Research Institute of the
Telecommunication Industry, Budapest.

KISS, Andras

Role of trade unions in the formation of a uniform mass sports organisation. Munka 13 no.11:32-33 N '63.

1. Szakszervezetek Országos Tanácsa sportosztályának vezetője.

KISS, Andras

The role of the trade unions in the activities of the
united sports organization. Hung TU no.5:22-23 My '63.

KISS, A.

BENEDICT J., KISS, A.

Mass poisoning caused by bread made with ergotized flour. Orv.
hetil. 91:25, 18 June 50. p. 793-6

1. Internal Diseases Division (Head Physician--Dr. Janos Benedict),
Kecskemét Municipal General Hospital (Director--Dr. Albin Pechary
Cserey).

CLML 19, 5, Nov., 1950

KISS, AKOS

GEOGRAPHY & GEOLOGY

Kiss, Akos. Tata-Tovaros [rta: Kiss Akos es Szabo Ivan. Szerk. Lukacs Bela. Tata] Komarom Mepye Tanacsanak Iderenforpaimi Hivatala, 1957, 51 p.
[Tata- Tovaros; an itinerary. illus. (part fold.), fold. map, facsim.]

Monthly List of East European Accessions (ERAI), LC, Vol. 8, No. 5,
May 1959, Unclass.

BODOR, Gyorgy, dr.; KISS, Akosne, dr.

Chloramphenicol therapy in typhoid fever in childhood. Orv.
hetil. 97 no.3:75-79 15 Jan 56.

1. A Fovaros Lasslo Korhaza II. sz. Belosztalyanak (foorvos:
Gseley Jozsef dr.) koslemenye.

(TYPHOID FEVER, in inf. & child

ther., chloramphenicol, method & results (Hun))

(CHLORAMPHENICOL, ther. use

typhoid fever in child., method & results (Hun))

BODOR, György, Dr.; KISS, Akos, Dr.

Chloramphenicol therapy of childhood typhoid fever. Orv. hetil. 100
no.5:194-196 1 Feb 59.

1. A Fovaros Lasslo Korhasanak koslemenye.
(CHLORAMPHENICOL, ther. use
typhoid fever in child. (Hun))
(TYPHOID FEVER, in inf. & child
ther., chloramphenicol (Hun))

PARKAS, Marta, dr.; KISS, Akosne, dr.

**Evaluation of the fluid substitution method on the basis of data
from dysenteric infants. Gyermekgyógyászat 11 no.8:242-246 A '60.**

**1. A László Korhas közleménye
(DIARRHEA in inf. & child.)**

KISS, Albert, dr., kandidatus, egyetemi tanár

"Development of agricultural production in Hungary between 1950-1956 by Pal Szakal. Reviewed by Albert Kiss. Stat szemle 40 no.12:1266-1268 D '62.

1. Agrartudományi Egyetem; "Statistikai Szemle" szerkesztő bizottsági tagja.

KISS, Alexe; SZASZ, Iuliu

The action of the whole collective. Constr Buc 17 no.791:4
6 hr '65.

1. Economic Committee of the Local Council of Trade Unions, Tîrgu
Mures.

KISS, Andras

How do our inventors help the realization of the Three-Year Plan?
Ujit lap 13 no.4:3 F '61.

1. Az Orszagos Talalmanyi Hivatal elnokhelyettese.

(Hungary--Industrial management)

KISS, Andras

Application of phosphoric acid-butanol esters in the
chemistry of molybdenum. Pt.4. Magyar folyoir 69 no.12:
524-528 D'63.

1. Egyenult Izzo es Villamosagi Rt. Fejlesztési Osztalya,
Budapest.

KISS, Andras

"Letters from the border fortresses," edited by Edit Jáspey. Reviewed by Andras Kiss. Borsod szemle 7 no.1:109 '63.

L 33235-66 EWP(t)/ETI IJP(c) JD/JG

ACC NR: AT6025185

SOURCE CODE: ITU/2502/65/043/004/0267/0283

AUTHOR: Kiss, Andras--Kish, A.

38

B+

ORG: Research Institute of Communications Technology Industry, Department of Testing Basic Materials, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in the system: potassium hexacyanoferrate(III)-alkali-water. Part IV. Rate equations of the dissolution reactions

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 4, 1965, 267-283

TOPIC TAGS: molybdenum, tungsten, inorganic oxide, cyanogen compound, ferrate, fluid diffusion

ABSTRACT: The rate of dissolution of tungsten was studied in the system: potassium hexacyanoferrate(III)-potassium hydroxide-water. This rate was found to show sudden changes at certain concentration ratios; in a given binary solvent mixture, the quotients of the concentrations corresponding to the point of inflection are unequivocally determined by the diffusion rates of the components and by the molar ratios. In the case of tungsten the sudden change in the rate of dissolution appears where the ratio of the initial concentrations attains the value of 2. Otherwise the dissolution reaction of tungsten takes place according to the Nernst diffusion mechanism. Orig. art. has: 9 figures, 16 formulas, and 2 tables. [Orig. art. in Eng./FRIS: 33,906]

SUB CODE: 07 / SUBM DATE: 22Sep64 / ORIG REF: 004 / OTI REF: 008

0916

0550

KISS, Andras

Application of phosphoric acid-butanol-esters in the chemistry of molybdenum. I. Extraction of molybdenum (VI) by di-n-butyl phosphate. Magyar kémiai folyóirat 68 no.3:106-109 Mar '62.

1. Egyesült Izzo és Villamossági Rt., Fejlesztési Főosztály, Budapest

KISS, Andras

Application of phosphoric acid-butanol-esters in the chemistry of molybdenum. Pt.2. Magyar kémiai folyóirat 69 no.3:131-135 Mr '63.

1. Egyesült Izzólámpa és Villamosági RT. Fejlesztési Főosztálya, Budapest.

KISS, Andras

Innovation plans. Ujit lap 16 no. 22:3-4 25 N '64.

1. Deputy chairman, National Patent Office, Budapest.

...the possibility of migration in the ...
...in the ...

...the ...
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~~1100-3-1-4~~
KERPEL-FRONTUS, Sandor, KISS, Annamaria, THAN, Gabor; Medical University of
Pecs, Institute of Pathophysiology (Pecsi Orvostudományi Egyetem, Korelettani
Intezet).

"The Effect of Coli Pyrogen Lipopolysaccharide on the O₂ Consumption and
Body Temperature of the Rat at Different Environmental Temperatures."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 2, Apr 66, pages 198-202.

Abstract: [Authors' Hungarian summary] The effect of 5 µg of pyrogen coli lipo-
polysaccharide on the body temperature and heat production of mature rats, at
35, 30, 20 and 10°C environmental temperatures, was studied. At 35°C, the
temperature of the already hyperthermic animals was not raised further by the
pyrogen and the O₂ consumption was also increased only in some of the cases.
At 30 and 20°C, identical elevation in body temperature was provoked by the
pyrogen and there was no change in the difference of body temperatures before
administration of the pyrogen. There was a considerably larger increase in
heat production in response to the pyrogen at 20° than at 30°. At 10°,
there was no elevation in body temperature in response to the pyrogen in
spite of the fact that there was an increase in heat production. 4 Hungarian,
3 Western references. [Manuscript received 14 Jun 65.]

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- 47 -

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; BAKO, Gusa, dr.;
KISS, Antonia, dr.; RESSMANN, Valeria; TOTH, Ferenc, dr.

Replacement of vascular defects with lyophilized vascular grafts.
Magy. sebesset 7 no.6:418-426 Dec 54.

1. A Debreceni Orvostudományi Egyetem Sebészeti Anatomiái és
Műtettani Intézetének közleménye. Tanácskozás: dr. Bornemisza
Gyorgy.

(BLOOD VESSELS, transpl.
homografts, lyophilized)

(TRANSPLANTATION
vasc. homografts, lyophilized)

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; KISS, Antonia;
FARKAS, László

Bone transplantation with lyophilized homografts. Magyar.
sebesség 9 no.1:38-46 Feb 56.

1. A Debreceni Orvostudományi Egyetem Sebészeti Anatómiai és
Műtettani Intézetének (tanácsvezető: Bornemissa György dr.)
és a Magyar Tudományos Akadémia Kísérleti Orvostudományi Intézet
Antibiotikum Osztályának (osztályvezető Valyi-Magy Tibor dr.)
közleménye.

(TRANSPLANTATION

bone homografts, preserv. by new lyophilisation method
& use in exper. (Hun))

(BONE TISSUE, transpl.

preserv. of homografts by new lyophilisation method &
use in exper. (Hun))

BORNEMISZA, Gy.; SZILAGYI, I.; KISS, A.; PARKAS, L.

Homotransplantation of bones preserved by adsorptive lyophilisation.
Acta med. hung. 9 no.1-2:55-66 1956

1. Institute of surgical anatomy and operative surgery, University
medical school, Debrecen and antibiotics department, Institute of
experimental medicine, Hungarian Academy of Sciences.

(BONES, transplantation

homograft preserv. with adsorptive lyophilization)

(TRANSPLANTATION

bones, homograft preserv. with adsorptive lyophilization)

KISS, A.; ALHA, D.; BORNEMISZA, G.

Experimental and clinical results with preserved dural homotransplants.
Ideg. szemle 11 no.3:81-86 June 58.

1. Debreceni Orvostudományi Egyetem Sebészeti Anatomiái és Mátettáni
Intézet, Debrecen (Tanácskveseto: Dr. Bornemisza Gyrogy) és Országos
Idegsebészeti Tudományos Intézet, Budapest (igazgato: Dr. Zoltan László)
közleménye.

(DURA MATER, transpl.

homografts, lyophilised, exper. & clin. value (Hun))

EXCERPTA MEDICA Sec 8 Vol 12/5 Neurology May 59

2414. EXPERIMENTAL AND CLINICAL RESULTS WITH HOMOGRAFTING OF PRESERVED DURA MATER - Experimentelle und klinische Ergebnisse mit konservierten Durahomotransplantaten - Kiss A., Afra D. and Bornemisza G. Inst. für Chir. Anat. und Operationslehre, Med. Univ., Debrecen - BRUNS' BEITR. KLIN. CHIR. 1958, 196/2 (176-188) illus. 9 Preserved dura grafts are easy to handle, pliable, can be sutured well and give complete closure. In 18 dogs, dura plasty was performed with preserved (lyophilized) homologous dura. Histological examination revealed the gradual substitution of the graft with slight alterations in the region, until the normal situation was reached. There was no difference in the results between autografts and homografts. Meningocerebral adhesions after provocation of cerebral lesions were slight. Six human patients also tolerated preserved dura homografts well.

Lenshoek - Groningen

HUNGARY

JOKAY, Istvan, KISS, Antonia; Institute of Pathophysiology (director: KESZ-
TYUS, L.), University Medical School, Debrecen [original language version
not given].

"Plasma Phosphatase, Cholinesterase and Peptonase in Anaphylactic Shock."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol X, No 2,
1963, pages 175-181.

Abstract: [English article, authors' English summary modified] During ana-
phylactic shock, the plasma phosphatase activity showed a rise of 111 per
cent in guinea pigs, and 54.5-63.0 per cent in rabbits. In rabbits, the
plasma cholinesterase activity decreased by 30 per cent, while the peptonase
activity increased by 17 per cent. 1 Hungarian, 13 Western references.

1/1

KISS, Antonia; CSABA, B.; DAMJANOVICH, S.; VERESS, Olivia; SZILAGYI, T.

Diabetes and anaphylaxis. Acta physiol. acad. sci. hung. 23 no.3;
275-279 '63.

1. Institute of Pathophysiology, Medical University Debrecen.
(ANAPHYLAXIS) (ALLOXAN DIABETES) (INSULIN) (HISTAMINE)
(BLOOD CHEMICAL ANALYSIS) (BLOOD SUGAR)
(BLOOD PRESSURE DETERMINATION) (OVALBUMIN)

SZILAOYI, T.; KISS, Antonia; CSABA, B.

Schwartzman phenomenon in diabetic rabbits. Acta physiol. acad.
sci. hung. 23 no.3:281-285 '63.

1. Institute of Pathophysiology, Medical University, Debrecen.
(SCHWARTZMAN PHENOMENON) (ENDOTOXIN) (ESCHERICHIA COLI)
(ALLOXAN DIABETES) (HYPERGLYCEMIA) (INSULIN)
(BLOOD SUGAR) (BLOOD CHEMICAL ANALYSIS)

JOKAY, I.; KISS, Antonia

Plasma phosphatase, cholinesterase and peptonase in anaphylactic shock. Acta microbiol. acad. sci. Hung. 10 no.2:175-181 '63.

1. Institute of Pathophysiology (Director: L. Kesztyus), University Medical School, Debrecen.

(PLASMA) (CHOLESTERINASE) (PEPTONES)
(ANAPHYLAXIS) (BLOOD ACID PHOSPHATASE)
(BLOOD ALKALINE PHOSPHATASE) (BLOOD)
(PEPTIDE HYDROLASES)

JOKAY, I.; KISS, Antonia; KASSAI, L.

Effect of cysteine on local Shwartzman phenomenon. Acta microbiol.
acad. sci. Hung. 11 no.1:29-33 '64.

1. Institute of Pathophysiology (Director: L. Kesztyus), University
Medical School, Debrecen.

L 46122-66

SWP(t)/ETI

IJP(c)

JD/JG

ACC NR: AT6034085

SOURCE CODE: HU/2502/65/044/002/0241/0251

AUTHOR: Neugebauer, Jenő--Neugebauer, Y.; Kiss, András--Kish, A.

ORG: [Neugebauer] United Incandescent Lamp Factory and Electric Works, Budapest;
[Kiss] Research Institute of the Telecommunication Industry, Budapest

TITLE: Reaction of tungsten, molybdenum and their oxides in a potassium hexacyanoferrate(III)-alkali-water system I. studies on the dissolution rate of tungsten

SOURCE: Acta chimica academiae scientiarum Hungaricae, vol. 44, no. 3, 1965, 241-251.
TOPIC TAGS: tungsten, molybdenum, tungsten compound, molybdenum compound, cyanogen compound

ABSTRACT: In the course of study of the reaction between tungsten and an alkaline solution of potassium cyanoferrate(III) it was found that, by choosing the right ratio of potassium cyanoferrate(III) to alkali, it is possible to attain two opposing effects related to the formation of tungsten surface during the dissolution process. When the mole ratio of $K_3[Fe(CN)_6]$: KOH exceeds 2.5, the surface of tungsten will be smooth, while at molar ratios under 2.5 the long-known etching effect takes place. The development of these two types of dissolution mechanism is related to the rate of dissolution. At mole ratios up to 2.5, the dissolution rates increase gradually while they approach constancy rapidly at a molar ratio of over 2.5. Orig. art. has 7 figures and 2 tables. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, 11 / SUBM DATE: 06Mar64 / ORIG REF: 003 / OTH REF: 010

Cord 1/1

ACC NR: AT6034086 T/ENP(t)/ETI IJP(c) DS/JD/JQ/WB

SOURCE CODE: HU/2502/65/044/003/0253/0266

AUTHOR: Kiss, Andras--Kish, A.; Neugebauer, Jeno--Maygebauer, Y.

ORG: [Kiss] Research Institute of the Telecommunication Industry, Budapest;
[Neugebauer] United Incandescent Lamp Factory and Electric Works, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in the potassium hexachloroferrate(III)-alkali-water system II. studies of the electrode potential of tungsten

SOURCE: Acta chimica academiae scientiarum Hungaricae, v. 44, no. 3, 1963, 253-266

TOPIC TAGS: tungsten, tungsten compound, molybdenum compound, molybdenum, cyanogen compound, electrode potential

ABSTRACT: The changes in the electrode potential of tungsten at various concentrations of potassium hexacyanoferrate(III) and with different types of alkali were investigated. The aim was to find the conditions under which the dissolution process leads to the formation of a crystalline structure suitable for microscopic investigations. It was found that the electrode potential of tungsten shows sudden changes at certain points of the dissolution process. A rapid decline in the redox potential was found to be the principal process which determined the potential and which was responsible for the sudden changes at the same time. By correlating the characteristic values of electrode potentials with the surface changes which took place during the dissolution process it could be shown that, at mole ratios of potassium hexacyanoferrate(III) to potassium hydroxide of over 2.25, the surface of tungsten becomes polished while, at lower ratios, an etching effect is evident which makes the crystal structure more pronounced. Orig. art. has: 9 figures, [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, II / SUBM DATE: 06Mar64 / ORIG REF: 001

0920 0691

L 46220-66 T/EHP(t)/ETI IJP(c) DS/JD/JG
ACC NR: AT6031080

SOURCE CODE: HU/2502/65/045/001/0001/0011

AUTHOR: Kiss, Andras--Kish, A.

ORG: Research Institute of Telecommunication Industry, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in a potassium hexacyanoferrate(III)-alkali-water system III. Studies of the electrode potential of molybdenum

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 1, 1965, 1-11

TOPIC TAGS: electrode potential, molybdenum, molybdenum compound, tungsten, tungsten compound, cyanogen compound

ABSTRACT: The changes occurring in the electrode potential of molybdenum, at various concentrations of potassium hexacyanoferrate(III) and in the presence of different alkalis, were investigated. During the dissolution reaction, a very rapid change was found to occur in the electrode potential of molybdenum at the mole ratio $K_1 = K_2[Fe(CN)_6] : KOH = 1.85$. At ratios of K_1 less than 1.70, the known etching effect arises, while at ratios more than 1.85, an intermediary solid phase is formed on the surface of molybdenum and, due to the prevalence of side reactions at this section, another type of reaction mechanism begins to be at work. The side reactions are derived from some coupling of the various oxides with potassium hexacyanoferrate(III). Orig. art. has: 7 figures and 1 table. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, 11 / SUBM DATE: 06May64 / ORIG REF: 002 / OTH REF: 001

Card 1/1

619

KISS, Arpad

Seedless melons. Elet tud 15 no.16:487-489 17 Ap '60.

1. Duna-Tisza kosi Mezogazdasagi Kiserleti Intezet
kutatoja.

KISS, Arpad

The Italian wheat. Elet tud 15 no.30:952-954 24 J1 '60.

1. Duna-Tisza kosi Mezogazdasagi Kiserleti Intezet
tudomanyos munkatarsa.

KISS, Arpad

Data on the development of the world's wheat production. Elet
tud 17 no.34:1080-1082 26 Ag '62.

1. Duna-Tisza-közi Mezőgazdasági Kísérleti Intézet tudományos
felmunkatára.

KISS, Arpad, Kossuth-dijas

Tasks of the Hungarian Electrotechnical Association in connection with the realization of the second five-year plan. Elektrotechnika 54 no.1/2:1.5 F '61.

1. Országos Tervhivatal elnöke, az Magyar Elektrotechnikai Egyesület elnöke.

KISS, Arpad

Trends of technical development and the methods of its
direction in the field of the machine industry. Jarmu
meso gep 9 no.9:323-325 8 '62.

1. Miniszter; az Orszagos Muszaki Fejlesztési Bizottsag
elnoka.

KISS, Arpad

The innovator movement as seen from the point of view of
national economy. Ujit lap 14 no.6:5 Mr '62

1. Orszagos Muszaki Fejlesztési Bizottsag elnoka.

KISS, Arpad

Trends in technical development and methods for its direction
in the machine industry. Gep 14 no.9:321-323 S '62.

1. Miniszter, az Országos Műszaki Fejlesztési Bizottság elnöke.

KISS, Arpad

Presidential opening address delivered at the National Conference
on Material Handling. Gep 15 no.2:45-46 F '63.

1. Orszagos Muszaki Fejlesztési Bizottsag elnoka.

KISS, Arpad

"Methodology of psychotechnics. Handbook on applied psychology",
vol.2. by H. Pieron, P. Pichot, J.M. Paverge, and J. Stoetal.
Reviewed by Arpad Kiss. Magyar pszichol szemle 17 no.4:458-461
'60.

KISS, Arpad, dr.

"Large fields of applied psychology" by H. Pieron, C. Benassy-Chauffard,
J. Pelnard, G. Mialaret, C. Levy-Leboyer, F. Gorphe, R. Pasquasy.
Reviewed by Arpad Kiss. Magyar pszichológiai szemle 19 no.2:245-248 '62.

KISS, Arpad, dr.

Early watermelon. Elet tud 18 no.35:1113-1114 1 S '63.

1. Kutatointezeti helyettes igazgato, Kocskenet.

KISS, Arpad, okleveles mernok

New characteristics in the work of standardization. Szabvány
köz 16 no.1:1 Ja'64.

1. Országos Műszaki Fejlesztési Bizottság elnöke.

KISS, A. and

Production of wheat-rye hybrids (Triticale) A. Kiss and G. Hóler (Németország, 1952. 1. 67-84). Work on wheat-rye hybrids since 1948 is reported. The quality of the wheat-rye flour is claimed to be good. Data from numerous hybrids is recorded and discussed. A Source

KISS, Arpad

Certain questions of long-range planning in the field
of technical development. Kusz elet 18 no.25:3 5 D '63.

KISS, Arpad, prof., dr. (Szeged, Rerrich Bela ter); CSASZAR, Jozsef, dr.
(Szeged, Rerrich Bela ter)

Light absorption of O-phenanthroline complexes. Acta chimica
Hung 38 no.4:405-419 '63.

1. Institut fur Allgemeine und Physikalische Chemie der
Universitat, Szeged.
2. Mitglied, Redaktionskollegium, "Acta Chemica Academiae
Scientiarum Hungaricae". (for Kiss).

KISS, Arpad, prof., dr. (Szeged, Herrich Bela ter); CSASZAR, Jozsef, dr.
(Szeged, Herrich Bela ter)

Light absorption of 2,2' -dipyridylcomplexes. Acta chimica
Hung 38 no.4:421-434 '63.

1. Institut fur Allgemeine und Physikalische Chemie der
Universitat, Szeged.
2. Mitglied, Redaktionskollegium, "Acta Chimica Academiae
Scientiarum Hungaricae" (for Kiss).

KISS, Arpad

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KISS, Arpad

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321-323 S '62.

1. Minister; Orszagos Muszaki Fejlesztési Bizottsag elnoka.

KISS, Arpad; KOLTAY, Ede

Model experiments for demonstrating electron paths. Fiz
szemle 14 no.10:295-302 O '64.

1. Institute of Experimental Physics, Lajos Kossuth University,
Debrecen (for Kiss). 2. Institute of Nuclear Research, Hungarian
Academy of Sciences, Debrecen (for Koltay).

K155, A.

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Nervous System. Metabolism.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26986

Author : Eperjesay, A., Kiss, A., Csogedi, J., Makkai, O., Hemes,
L.

Inst : -

Title : The Role of Lipoproteins of the Brain in the Biological
Oxidation of Lipids.

Orig Pub : Rev. med. (RFR), 1956, 2, No 2, 23-28

Abstract : No abstract.

Card 1/1

"APPROVED FOR RELEASE: 09/17/2001

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EXCERPTA MEDICA Sec 16 Vol 7/9 Cancer Sept 59

3596. The effect of blood serum from tumour-bearing rats and human patients on the respiration of hepatic tissue of rats Az állati és emberi daganatos vérserum hatása a patkánymáj légzésére. Előzetes közlemény. Kiss A., ERŐS J. and GYERÓVAY F. Marosvásárhelyi Általános Szerves Kémiai Tanszék Kőzl. Orv. Szle 1958, 4/6 (483-488) Tables 4

The influence of blood serum from rats with sarcoma K₁ on the respiration of normal hepatic tissue of rats has been studied. It was found that the diluted serum (1:10) of tumour-bearing animals markedly decreased the respiratory quotient. Further investigation showed that the serum of tumour patients in the metastatic stage greatly diminished the respiration in the hepatic tissue of the rat. The serum of healthy subjects had no such effect; however, that of patients with tb or hepatitis also showed a moderate inhibitory action.

Romhányi - Pécs

8132 A
KISH, A.; EPERESHI, A.; KHADNAD', Ch.; CHEGEDI, I.; NEMESH, L.;
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Effect of various compounds depressing the mitotic division of
cells on the respiration of rat liver slices. Biul. eksp. biol.
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1. Iz kafedry bickhimii, onkologii i II terapii Mediko-farmatsevtiche-
skogo instituta goroda Tyrgu-Muresh, Rumyniya.
(CYTOTOXIC DRUGS) (CELL DIVISION (BIOLOGY))
(LIVER)

EPERJESSY, A. ; KISS, A.; ADAM, S.; GYERGYA, P.; FESZT, T.

Research on experimental encephalopathies. III. Chemical study of the cerebral lipoproteins of rabbits treated with a heterologous brain emulsion. Rev. sci. med. 8 no. 1/2:25-28 '63.

(ENCEPHALOMYELITIS) (BRAIN) (LIPOPROTEINS)

GERLE, Gyorgy, dr.; KISS, Arpad

Technical culture in Hungary. Musz élet 19 no. 6:5 12 Mr '64.

1. Orszagos Muszaki Fejlesztési Bizottsag elnoke (for Kiss).

RUSU Arad, prof.: ROS Nicolae; KISS, Arpad, asist.; MADARAG, Ican,
asist.; VATASAN, Nina, asist.

Regarding the size of the atmospheric refraction coefficient
K and the precision of the trigonometric leveling at great
distances. in. geodezie 8 no.4:28-41 '64.

REMINICZKY, Karoly; KISS, Arpad, dr.; PESTA, László, dr.; MORIK, József, dr.; KAPOV, Vilmos, dr.; SZABO, Lajos, dr.; BIRO, Zsigmond, dr.; GULACSY, Bela, (Budapest); ROMAN, Istvan; GAJZAGO, László; MAGY, Imre; PINTER, Antal; VADASZ, Elemer, dr.; KONCZ, Istvan, dr.; PUTNOKI, Janos; JANCZO, T.; BAKAY, T.; MORY, B., dr.; VERES, L.; KASZO, L.; OSZTROVSZKI, György, dr.

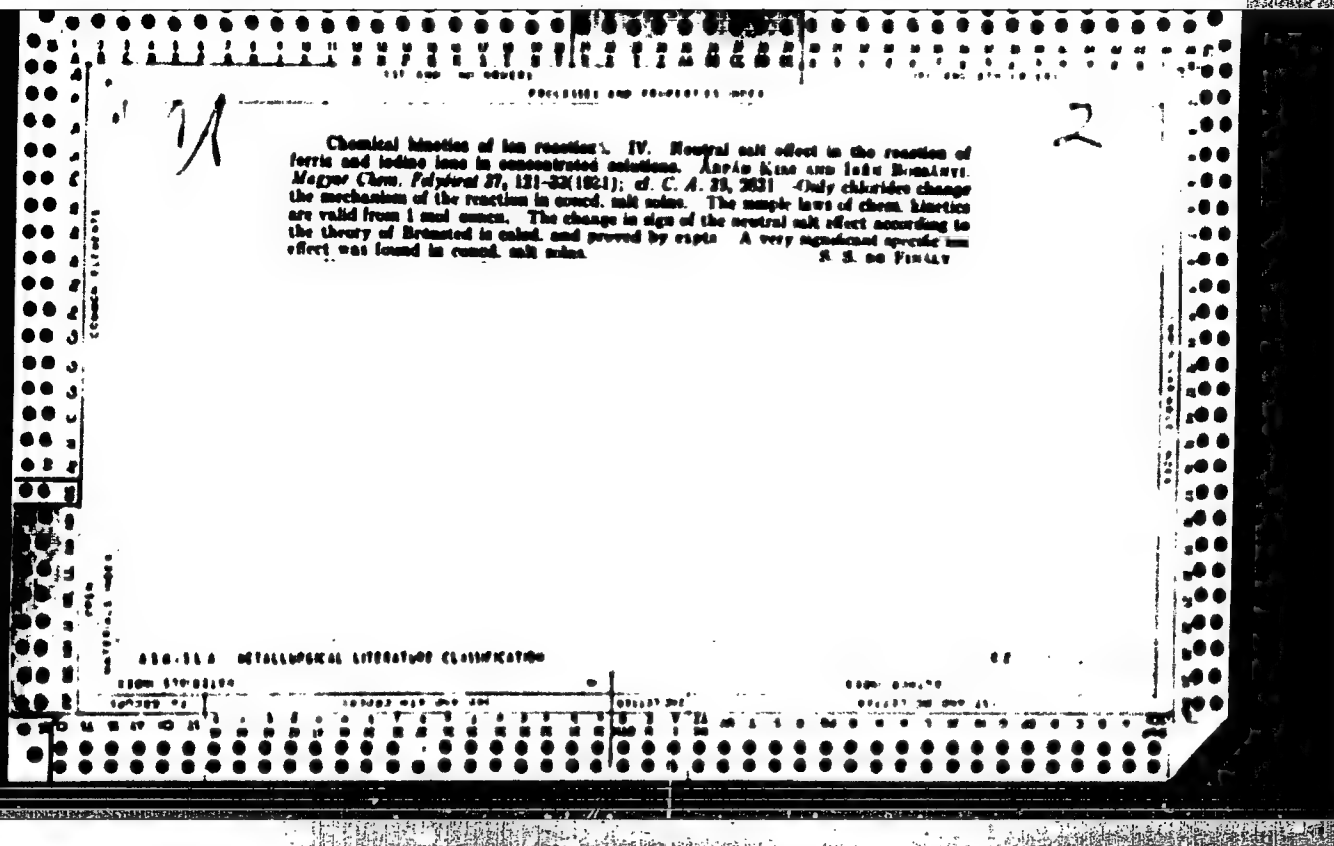
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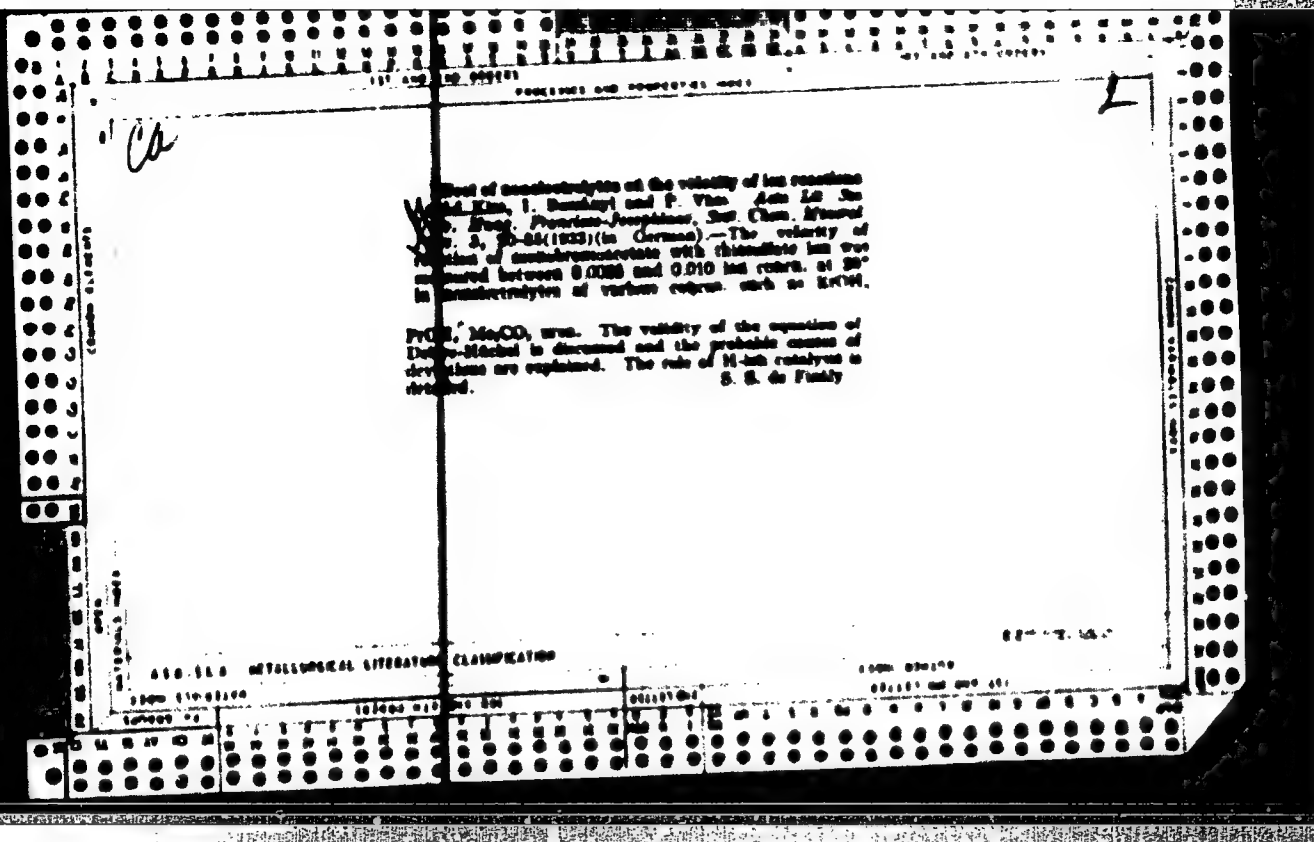
1. President, National Committee on Technical Development, Budapest (for Kiss). 2. Deputy Chairman, Budapest City Executive Committee (for Pesta). 3. National Institute of Public Health, Budapest (for Morik). 4. Public Health and Medical Clinic for Contagious Diseases, Budapest (for Kapos). 5. Public Health and Medical Clinic for Contagious Diseases, Pecs (for Szabo). 6. Public Health and Medical Clinic for Contagious Diseases, Miskolc (for Biro). 7. Kelenfold Heat Power Plant Enterprise, Budapest (for Roman). 8. National Meteorological Institute, Budapest (for Gajzago). 9. National Power Economy Authority, Budapest (for Pinter and Vadasz). 10. Research Institute of Heat Engineering, Budapest (for Koncz). 11. Research Institute of Heavy Chemical Industry (for Mory). 12. Fuel Trade Enterprise, Budapest (for Kaszo). 13. Deputy President, National Committee on Technical Development, Budapest (for Osztrovszki).

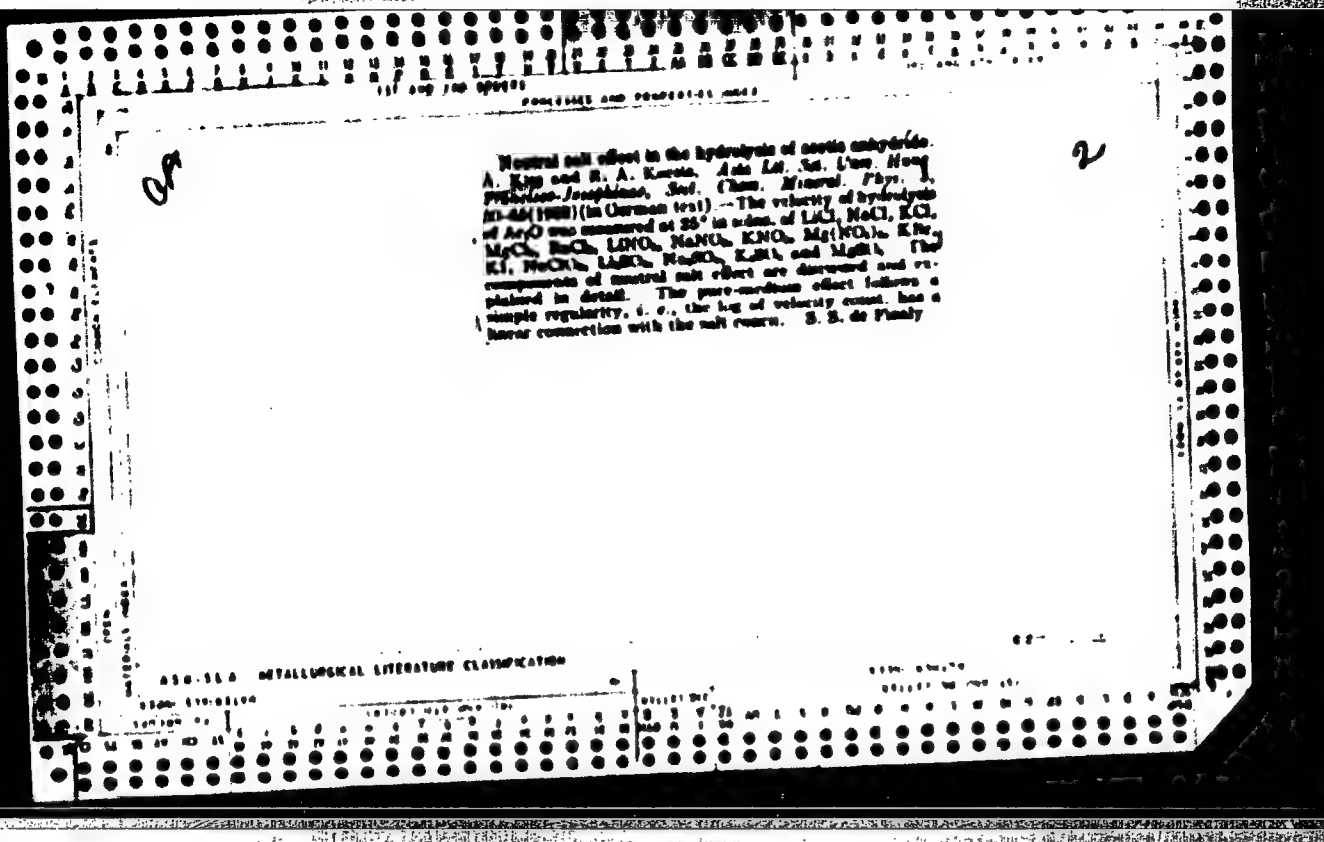
KISS, Arpad, dr.

Triticum turgidum, our most promising food plant growing on
sand dunes. Elet tud 20 no.17:803-805 30 Ap '65.

Chemical kinetics of ion reactions. I. Principles of the theory of Brønsted. A. Koss. *Magn. Chem. Fizdov* 25, 130-44 (1979) - Short summary of Brønsted's theory and its applications. II. Mechanism of reaction between ferric and iodide ions. *Ibid* 26, 40-50 (1980). - The reaction proved to be bimolecular for I ions and monomolecular for Fe³⁺ ions. Hydrolyzed ferric ions do not react with I ions. The primary kinetic salt effect agrees with Brønsted's neutral salt law in dilute media. All other results show a striking specific ion effect. Showing influence of ferric and sulfate ions must be considered as a secondary kinetic salt effect. III. Neutral salt effect and catalysis in case of ion reactions. *Ibid* 27, 17-24 (1981). - Connections between the theory of Brønsted and catalysis, kinetic salt effect and medium effect are discussed. N. N. P. J. 1981







2

The mechanism of the reactions of bromoacetate and
 succinate ions. A. King and I. Hammett. *Acta Int. Sci.*
Univ. Hong. Press, 1958, 1959, Sect. Chem. Mineral
Phys. 3, 25-116 (1953) (published 1954). The velocity
of these reactions was measured after addition of different
amounts of neutral salts and without any addition. The
reactions took place bimolecularly according to the sto-
chiometric ratio. The theory of Brønsted-Bjerrum was confirmed.
The equation of Brønsted-Bjerrum is a valuable
approximation only. Kapil data obtained at 5°, 15°
and 25° gave an energy of reaction of 15.42 cal. The
equation of Arrhenius was found to be correct. The
reaction activity changed only slightly with temp. be-
tween 5° and 25°. For the temp. intervals 5° and 15°
and 15° and 25° the temp. coeffs. of van't Hoff were 2.75 and 2.50
at 5° and 15°

PROCESSED AND PROPERTIES UNIT

2

CA

Chemical kinetics of ion reactions. V. Regularities of mutual salt effect in concentrated salt solutions. Lyda Kim. *Mayer Chem. Papers* 39, 143-6 (1933). U. S. 7. 28, 8078.—From expl. data it is concluded that there is a linear relation between the log of velocity const. and the concn. of salt in reactions of zero order (i. e., reactions entirely between neutral mole. or between neutral mole. and ions). S. S. de Pinho

ALSO SEE METALLURGICAL LITERATURE CLASSIFICATION

Kiss, H.

3

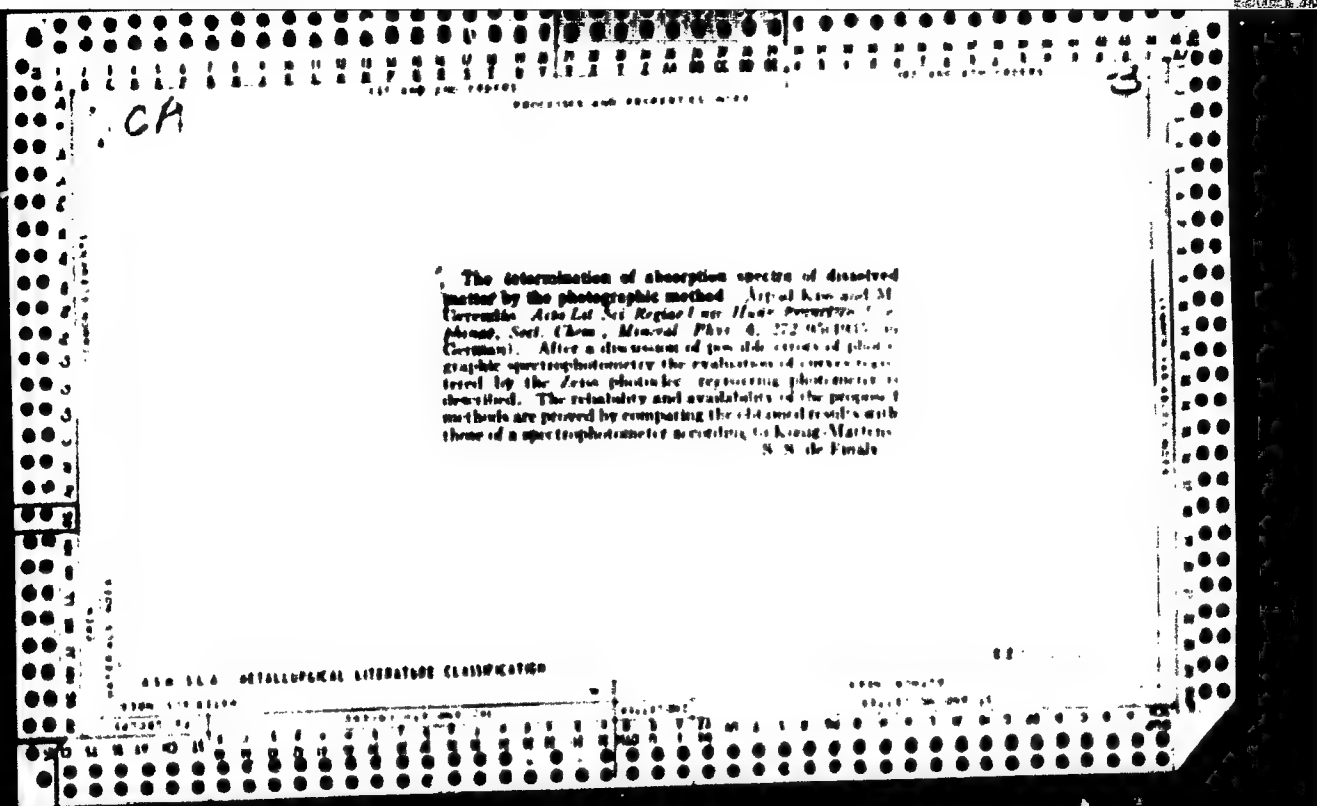
Cause of color changes of cobalt salts in neutral salt solutions. A. V. Kiselev and M. Orlov. *Acta In Sci Univ. Hung. Friedrich-Josephs, Ser. Chem. Mineral Phys. 6, 125-26(1924)(German text).-- Mod. estimation*

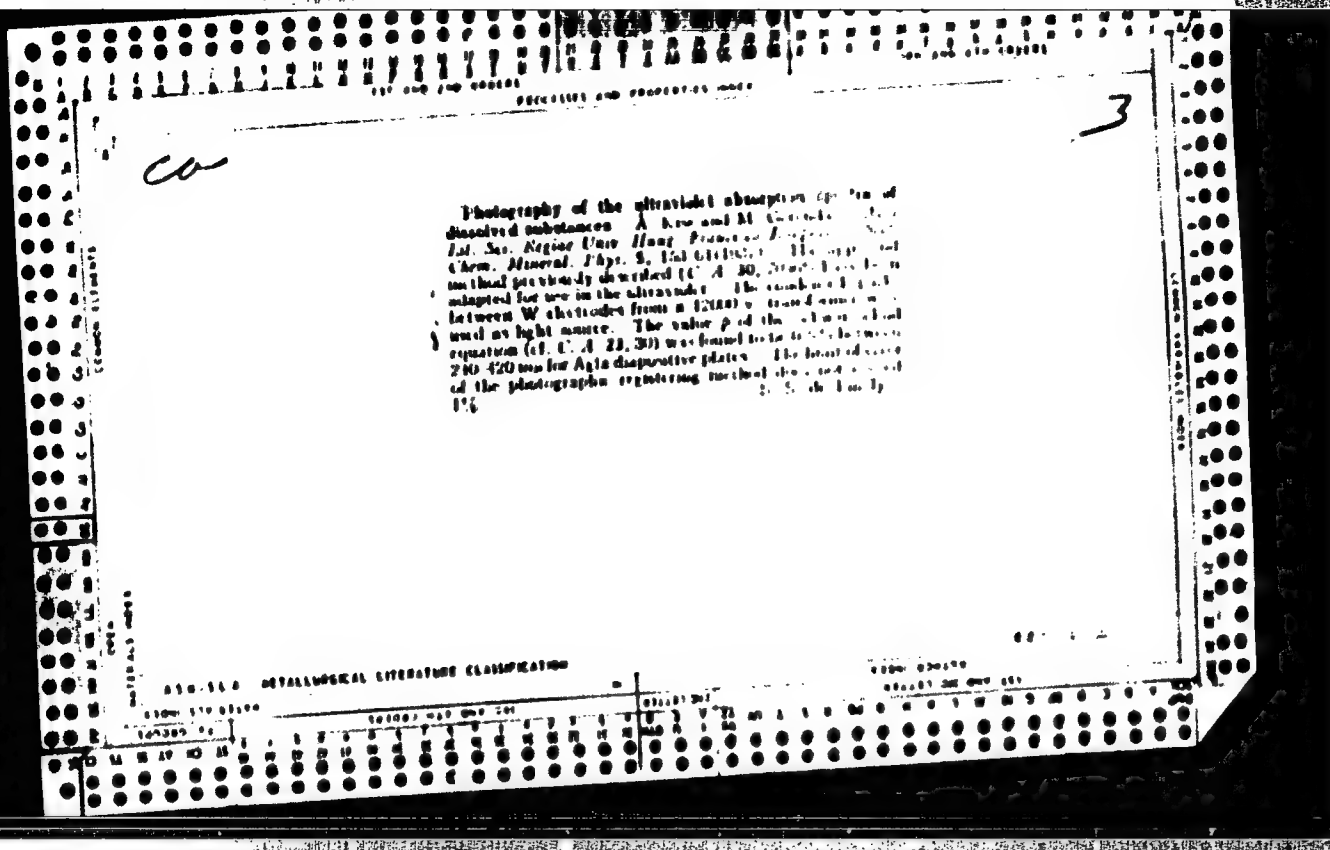
conds. on the entire visible part of the spectrum were measured for CoCl_2 , $\text{Co}(\text{NH}_3)_6^{3+}$, and $\text{Co}(\text{NH}_3)_5^{2+}$ in various coord. ions. of different neutral salts and of HCl , HNO_3 , and H_2SO_4 . Color changes observed within the chloride, nitrate and sulfate ions. are caused by the Stark effect and ion deformation. The color change effect of chloride and thiosulfate ions. is due to a characteristic change of constitution. In case of simultaneous change of absorption spectra it could not be ded. whether the changes are due to ion deformation, Stark effect, distortion or denaturation.

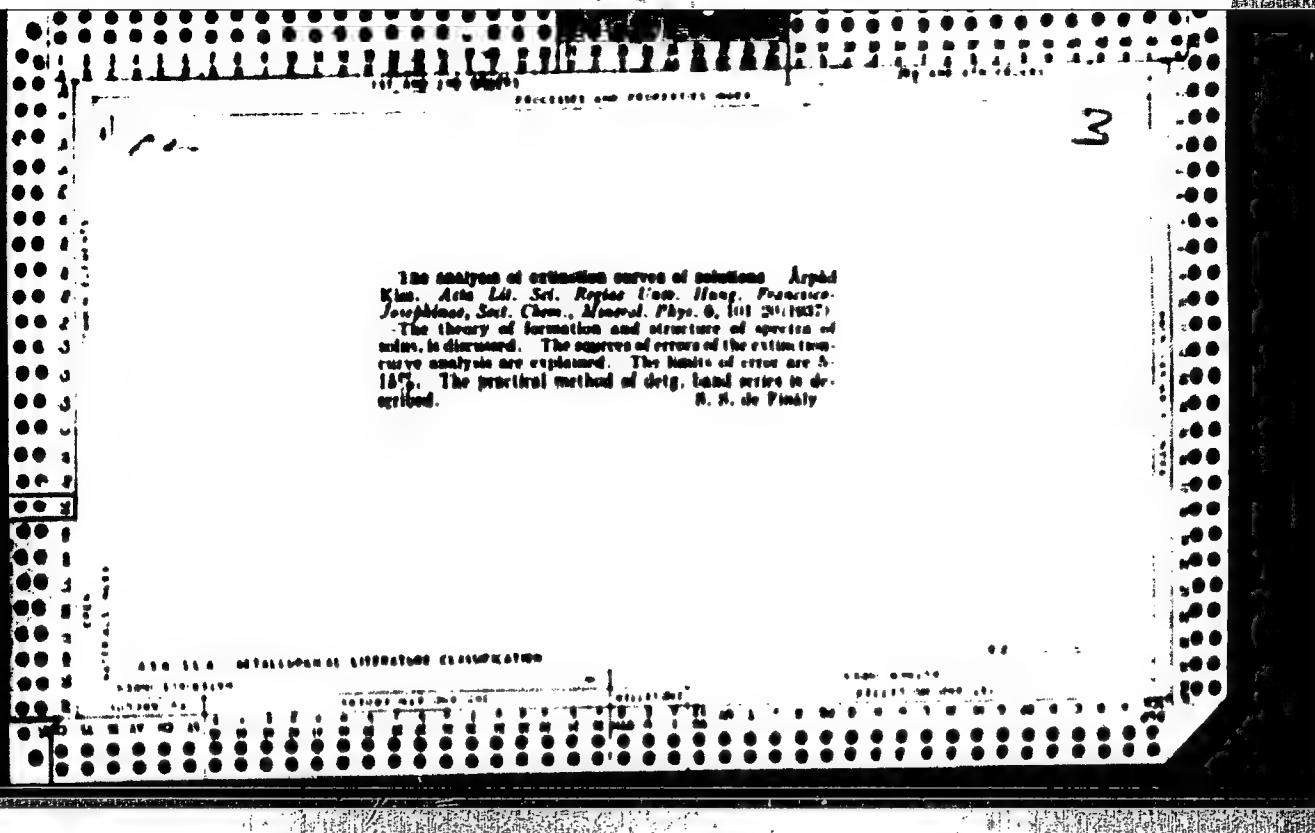
150 151 DETAILING LITERATURE CLASSIFICATION

The causes of color changes of nickel salts in neutral salt solutions. *Asipul'kov, P. I.* and *Al. Gerasimov, A. Ia. Izv. Akad. Nauk SSSR, Khim. Prirod. Nauch. Tekhn. Mineral. Phys. G., 230-71 (1955) in German.* The effect of the molar extinction coeff. of NiCl_2 , NiSO_4 , and $\text{Ni(NO}_3)_2$ in neutral salt solutions of various anions and in HCl , HNO_3 , and H_2SO_4 within the visible spectrum showed that the slight changes of absorption spectra of nickel salts can be explained by the Stark effect and deformation of ions. The significant changes, however, observed in neutral salts of chlorides, sulfates and their mixtures are caused by the formation of complexes and the existence of dehydration. The composition of the various phases in aqueous solutions for the complexes. No direct connection could be found between extinction coeff. and valency of salt which would perhaps explain the constitution of chromophores. No explanation could be found for the changes of absorption spectra of neutral metal anions by deformation of ions, by Stark effect and by formation of complexes and dehydration.

S. S. de Luca







CLASSIFICATION		SUBJECT		AUTHOR		TITLE		SOURCE		REMARKS	
U											
<p>PROPERTIES AND PROPERTIES</p> <p>The solubility of chlorine in aqueous salt solutions. Arp. Kim and A. Uymak. <i>Acta Lit. Sci. Repres. Univ. Hany. Proceedings-Josephson, Ser. Chem. Mineral Phys. 6, 205-14(1963)</i>. Cl was led for 1-2 hrs. through 100 cc. of solvent in a 150-cc. Winkler absorption flask. The quantity of Cl dissolved was detd. by adding excess KI soln. and titrating the liberated iodine with 0.1 N $\text{Na}_2\text{S}_2\text{O}_3$. The amount of unhydrolyzed Cl was calcd. on the presumption that the mixing ratio const. of potassium are the same for Cl and I. In the calcn. of the limiting const. of Cl^- ion it was assumed that the hydrolysis equilibrium const. are the same in nitrate and chloride solns. of the same cation at the same concn. The salts investigated (KNO_3, NaNO_3, $\text{Ca}(\text{NO}_3)_2$, $\text{Mg}(\text{NO}_3)_2$, K_2SO_4, Na_2SO_4, MgSO_4) cause very specific changes both in the soly. of Cl at 25°, and in the hydrolysis const. of Cl^- ion. The numerical values are given in detail. S. S. de Finaiv</p>											
<p>ADDITIONAL METALLURGICAL LITERATURE CLASSIFICATION</p>											
<p>1000 2100 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000</p>											

Chemical kinetics of ionic reactions. VI. Effect of temperature on the velocity of ionic reactions. Arpad Kim, *Magyar Chem. Folyoirat* 44, 13-21 (1924); cf. C. A. B. 20757. — These prove that the equation of Brønsted, Dreyer and Høiland is valid up to an ion d. of 0.01 in a temp. range of 5-55°. The temp. coeff. of the velocity const. according to eqn. can't hold in solns. of high concn. without soln. of salts is quite independent of the ion d. of the salt. The neutral salts have a special effect on the temp. coeff. in dil. or concd. solns.; they generally seem to decrease with temp. The temp. coeff. of the ionic activity coeff. of Brønsted is about 1.0. Neutral salts change the activation energy of the reaction in dil. or concd. solns. by about - 1.5%, this value diminishing somewhat with the temp. Neutral salts have a greater effect on the action const. than on the activation energy. The connection between the known values of the Arrhenius equation must not be linear. S. S. de Finkiv

ASIA METALLURGICAL LITERATURE CLASSIFICATION

Light absorption and constitution of organic compounds
 11. The light absorption of aromatic Schiff's bases. A
 Kim, J. Marchal, and E. Varga (Univ. Szeged, Hungary;
 Akad. Univ. Szeged, Akad. Chem. of Phys. [N.B.] 1,
 166-76(1943); cf. C.A. 36, 6071².— Extinction curves of
 24 aromatic Schiff's bases were determined at room temp. in the
 whole spectrum field with EtOH as solvent. The forma-
 tion of several ring systems with conjugated double bonds
 causes a shift of bands in the direction of the long wave.
 Light absorption cannot be considered as an excitation of
 a uniform π -electron system; the benzene ring and
 auxochrome group play the role of sept. chromophores
 in the 2- and 4-hydroxy derivatives. A new band appeared on
 the basis of the visible field. The case of the possible
 chromophoric structures of the ground state makes possible
 the explanation of the mechanism of light absorption.
 The existence of a simple connection between light ab-
 sorption and constitution could not be proved in aromatic
 Schiff's bases. Tóth and Fényi

ADDITIONAL METALLURGICAL LITERATURE CLASSIFICATION

CA

light absorption by antipyrine complexes. *Appl. Phys. Lett.* 11, 111 (1967). *Acta Chem. Scand.* 21, 47-50 (1967) (in German).—Extinction curves of antipyrine, of its complexes formed with Li, Na, K, Sr, Ba, Cu, Mg, Zn, Cd, Pb, Al, As, Bi, Co, Ni, Fe, and UO₂, and of the perchlorates of these cations in aq. solns. were detd. The extinction curves of the perchlorates belong to those of fully hydrated metals. In case of Cu, Co, Ni, Fe, UO₂, and Bi the light absorption comes from the excitation of the outer electrons of metal ions and of coordinative binding electrons. In colorless metal ions with fully filled outer electron shells their transparency shows that the ion-dipole attraction of the chel. hydration does not go over into coordinative binding. The light absorption by the complexes is composed of the absorptions by the central ion and by antipyrine. The formation of a complex causes a significant change in the extinction of colored ions, whereas the extinctions of antipyrine remain unchanged. *Acta Chem. Scand.* 21, 47-50 (1967).

LA

The analytical methods of absorption bands. Arpa
Kise and C. Sankaly. *Ann. Chim. Phys.* (Paris) 1948, 71, 41 (1948) (in French). — Various methods are discussed
critically and their suitability is analyzed on the basis
of examples of extinction curves of transition. $\text{Ni}(\text{PhNH})_2$, $\text{methylglycidyl-}o\text{-phenylenediamine-Ni}$, $[\text{Co}(\text{NH}_4)_2]^{2+}$, $\text{cis-}[\text{Co}(\text{SCN})_2(\text{NH}_4)_2]$ -Zethylenediamine. 10
references. István Farkas

CA

Light absorption by nitro derivatives of benzene
 Arpad Kón and J. Hrymka. *Acta Univ. Szeged, Chem. et
 Phys.* 27: 221 (1941) in German. The following systems
 were investigated: C₆H₅NO₂ in heptane, PhNO₂ in heptane
 and EtOH, H₂N₂ in EtOH, o-, m-, and p-nitrobenzoic
 acid in heptane, o-, m-, and p-nitrobenzoic acid in
 water, m-nitrobenzoic acid in EtOH, PhNO₂ in heptane,
 o-, m-, and p-nitrobenzoic acid in heptane, o-, m-, and
 p-nitrobenzoic acid in EtOH, o-, m-, and p-nitrobenzoic
 acid in water, p-nitrobenzoic acid in EtOH, 2,4-dinitrophenol in water,
 2,6-dinitrophenol in water, and 3,5-dinitrophenol in water.
 The cell investigation of the limit forms of the base and
 oxidation states made it possible to work out a uniform
 explanation of the extinction curves of all nitro deriva-
 tives of C₆H₅. The chromatic effect of the substituents is
 much stronger than their inductive effect. 19 references. 1. Finally

CA

The absorption of light by isomeric derivatives of benzylidene. A. P. Kiselev and M. P. Ponomarev. *Izv. Akad. Nauk SSSR, Ser. Khim.* 1972, 2, 231 (Russian; English). Nineteen derivatives were investigated and their extinction curves obtained. The evaluation of the possible structures of the ground and of the excited states permits the explanation of observed structure differences of extinction curves of benzylidene derivatives. The phenyl nucleus is bound to the C and to the N atom of the azomethine group behaves differently with regard to its mesomerism. A first band appears at the 2 and 4 hydrazine derivatives, at the limit of visible region. Since this band is missing at the 2' and 4' derivatives, the quinonoid structure is much less represented in the ground state than the quinonoid-methine structure. The observed extinction curves prove that the investigated benzylidene derivatives reacted in the transition

The free rotation of the radicals is generally restricted.
15 references.

Light absorption by polychromates. Arpaol Kuo and K. Hsu. *Acta Chim. Sinica*, 1964, 21, 905 (Chinese, English). The investigation of extinction curves of $K_2Cr_2O_7$, $K_2Cr_2O_8$, and CrO_3 in water and in various concentrations of H_2SO_4 , HCl , HNO_3 , and H_2CO_3 proved that the formation of polychromates has a complicated and specific influence on each of the mentioned acids. Extinction curves in dil. acid solutions cannot be calculated on the basis of other data by assuming simply that there is a balance between the states of aggregation. In concentrated H_2SO_4 the formation of heteropoly acids seems probable.

CA

The light absorption by benzene derivatives substituted in *o*-, *m*-, and *p*-positions. I. General part. *Appl. Phys. Lett.* 1969, 15, 12, 1241-1242.
The curves of *o*-, *m*-, and *p*-derivatives show higher differences with a mesomeric effect than with purely inductive effect. If both effects take place simultaneously, then the *o*-, *m*-, and *p*-effects depend on the degree by which the distribution of π -electrons is changed by the respective substituents. The *o*-, *m*-, and *p*-effect seems to be a complicated phenomenon. (L. K. K. K.)

CA

The mesomeric and inductive effects of the amino group.
 Arnold Kien and R. Gutrich. *Acta Univ. Szeged, Chem.*
of Phys. 2, 122-8, (1948) (in German). If the mol. is polar-
 ized in its ground state by the mesomerism of the NH₂
 group according to its diametric or its longitudinal axis,
 te-p, then the extinction value of the ground-state hydro-
 carbon will be increased chiefly in the region of short wave
 length, or of long waves, resp. The changing effect of the
 amino group depends on the position of its substitution.
 The effect of amino group diminishes with the no. of lam-
 inar rings, especially for condensed ring. *Acta Univ. Szeged*

CA

Light absorption of organic compounds. Arpaol Kim.
Mayer Kim. Page 3, 203 (1914). The connection
between light absorption and chem. structure was investigated
by him. 12 references.

Correlation of solvents to the extraction curves of polycyclic complexes. Arpad Kiss and S. Szoke. *Acta Chim. Hung.*, *Chem. of Phys.*, **2**, 155 (2-1959). — Extraction curves of Ni 2-hydroxyoctadecanoate, Ni salicylaldehyde ethylacetoacetate, Ni 2-amino-2-azabicyclohexylmethanamine, Cu 2-hydroxyoctadecanoate, Cu 2-hydroxyoctadecanoate, Cu 2-hydroxyoctadecanoate-4-hydroxyoctadecanoate, Cu 2-hydroxyoctadecanoate-4-hydroxyoctadecanoate were determined in the solvents MeOH, EtOH, EtOH, acetone, CHCl₃, CCl₄, C₆H₆, toluene, xylene, and pyridine between 20 and 70 mm. The solvents had stronger effects on the absorption of the central ion and of the coordinated ligand electrons than those of the aromatic ligands. Solvents seem to have two effects: one induced on the whole mol. of the complex and another characterized by a configuration of the mol. of the solvents in transposition on two free coordination places of the complex or on reactive atoms of ligands. István Földi